ne			Class	Date
2-2	Think A	bout a Pla	an	
	Condition	al Statements	Marker Carrier III SUNT Brown	aficts ends
true. Sean	claims that		conditional and its conditional is true but its cow?	
derstandir	ng the Pro	oblem		kesa yan
What is the	main point	of disagreeme	nt between Natalie and	Sean?
				is.
1 mulis				are transfer and
Do you thin a false contr			onditional statement th	at is true, but has
		mples of true s	and false conditionals to	o decide who
	you use exa	amples of true a	and false conditionals to	o decide who
How could	you use exa	amples of true a	and false conditionals to	o decide who
How could y is correct?			and false conditionals to	o decide who
How could y is correct?  unning the Use a table statements	<b>Solution</b> to test som and their c	e conditional s	and false conditionals to tatements. Write severa Use the table to show to you. Use additional pa	l conditional heir truth values.
How could y is correct?  Inning the Use a table statements One examp	<b>Solution</b> to test som and their c	e conditional s	tatements. Write severa Use the table to show t	l conditional heir truth values.
How could y is correct?  unning the Use a table statements One examp	Solution to test som and their colle has been tional spots, then	e conditional sontrapositives.	tatements. Write severa Use the table to show t you. Use additional pa	l conditional heir truth values. per if necessary.

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Form G

## 2-2

## **Practice**

Conditional Statements

Identify the hypothesis and conclusion of each conditional.

- 1. If a number is divisible by 2, then the number is even.
- 2. If the sidewalks are wet, then it has been raining.
- 3. The dog will bark if a stranger walks by the house.
- **4.** If a triangle has three congruent angles, then the triangle is equilateral.

Write each sentence as a conditional.

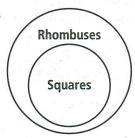
- 5. A regular pentagon has exactly five congruent sides.
- 6. All uranium is radioactive.
- 7. Two complementary angles form a right angle.
- 8. A catfish is a fish that has no scales.

Write a conditional statement that each Venn diagram illustrates.

9.



10.



Determine if the conditional is true or false. If it is false, find a counterexample.

- 11. If the figure has four congruent angles, then the figure is a square.
- 12. If an animal barks, then it is a seal.